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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS:	Jonathan M. Rothberg, et al.	CONF. NO.	6233
SERIAL NO.:	09/814,338	EXAMINER:	Young J. Kim
FILING DATE:	March 21, 2001	ART UNIT:	1637
FOR:	METHOD OF SEQUENCING A NUCLEIC ACID		

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**MAIL STOP AMENDMENT**

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION**

**MAILED JULY 28, 2004**

In response to the Non-Final Office Action mailed July 28, 2004 in the above-identified application, Applicants submit this Amendment and Response. Also submitted are a Declaration by Dr. Jonathan M. Rothberg under 37 C.F.R. §1.131, a Request for a Three-Month Extension of Time, and the Extension Fee required under 37 C.F.R. § 1.17(a)(3). Applicants respectfully request entry and consideration of this Amendment and accompanying papers in the application.

Please amend the application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.